

Data Center Rehabilitation -- No. 500726

Category	General Government	Date Last Modified	December 21, 2007
Subcategory	County Offices and Other Improvements	Required Adequate Public Facility	No
Administering Agency	Public Works & Transportation	Relocation Impact	None
Planning Area	Rockville	Status	Preliminary Design Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	453	0	393	60	60	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5	0	5	0	0	0	0	0	0	0	0
Construction	2,469	0	2,034	435	435	0	0	0	0	0	0
Other	433	0	428	5	5	0	0	0	0	0	0
Total	3,360	0	2,860	500	500	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	3,360	0	2,860	500	500	0	0	0	0	0	0
Total	3,360	0	2,860	500	500	0	0	0	0	0	0

DESCRIPTION

This project provides for the design and rehabilitation of the existing Data Center on the 3rd floor of the Council Office Building. The Data Center serves as the County's main information technology server/system hosting site with over 350 servers from the Department of Technology Services and other County departments and as the main network connections center. This project will provide for required upgrades to mechanical and electrical systems in order to maintain the services and assure uninterrupted network operation.

COST CHANGE

Not applicable.

JUSTIFICATION

The existing electrical, HVAC, and fire protection systems serving the Data Center area are insufficient. Poor cooling system performance and an inadequate electrical system cause unsafe conditions as well as occasional system failure and shut down. The current overcrowded conditions in the Data Center contribute to ongoing problems including: poor cooling system performance; high temperature spots surrounding servers; and restricted access to equipment for service.

An evaluation and programming study of the Data Center was completed in November 2006.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY07	(\$000)
First Cost Estimate		
Current Scope	FY07	3,360
Last FY's Cost Estimate		3,360
Appropriation Request	FY09	0
Appropriation Request Est.	FY10	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,360
Expenditures / Encumbrances		250
Unencumbered Balance		3,110
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

Department of Public Works and Transportation
Department of Technology Services
PEPCO

MAP

